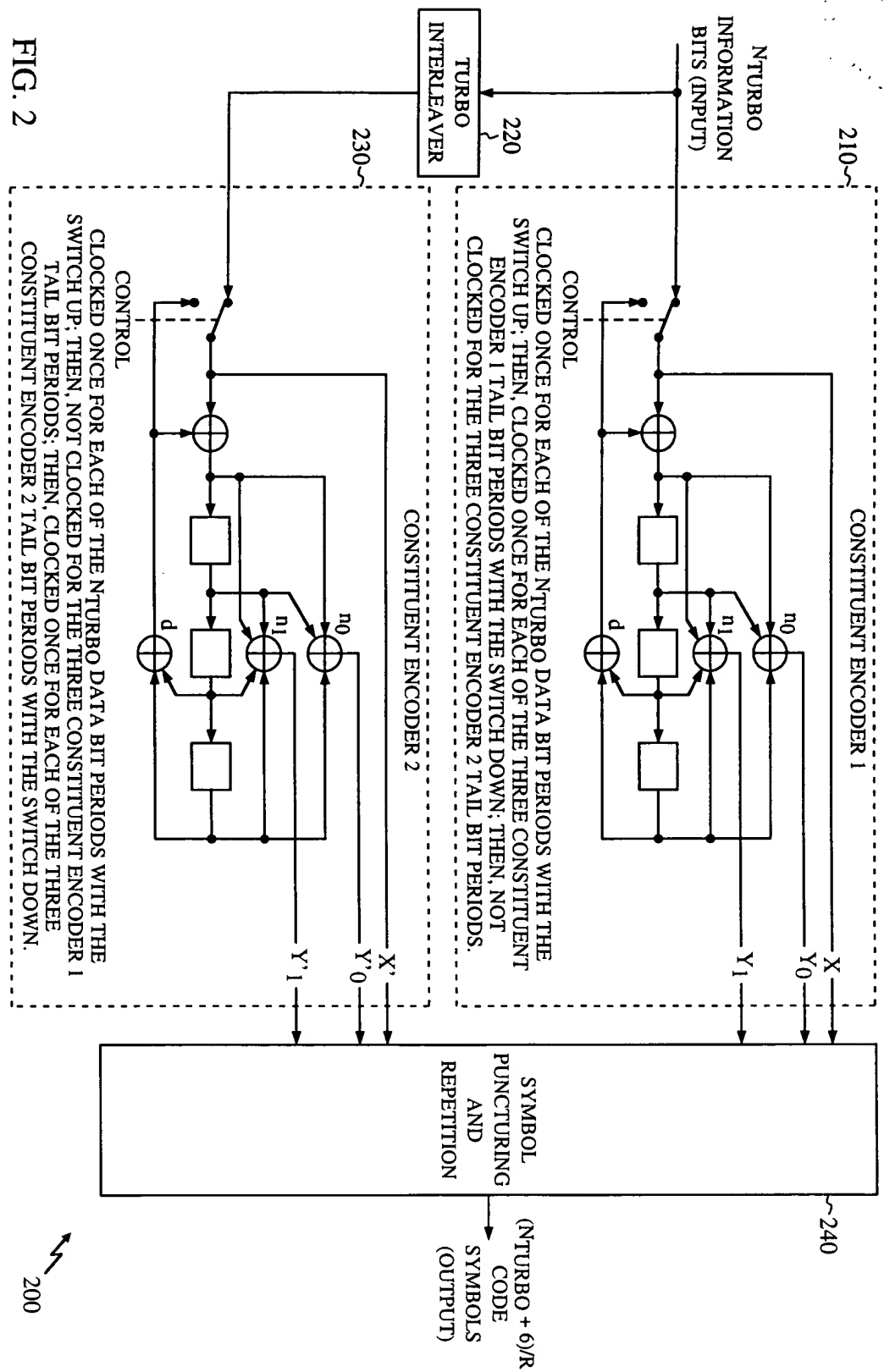


FIG. 1



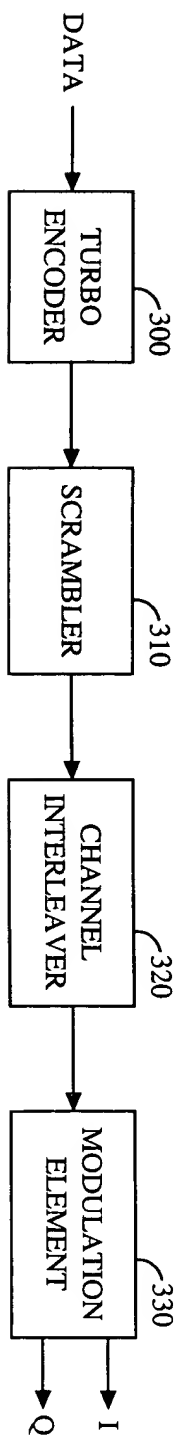


FIG. 3

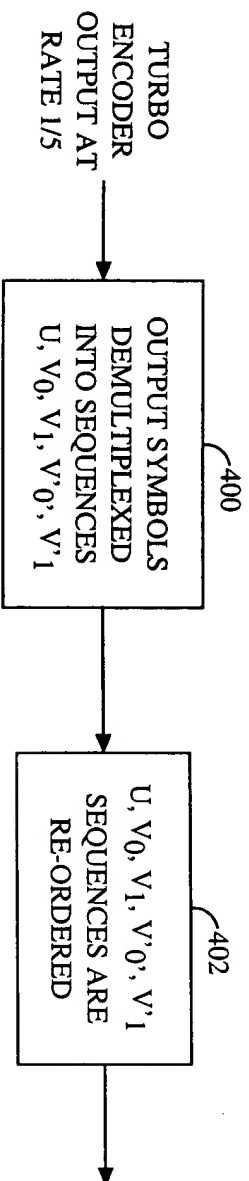


FIG. 4

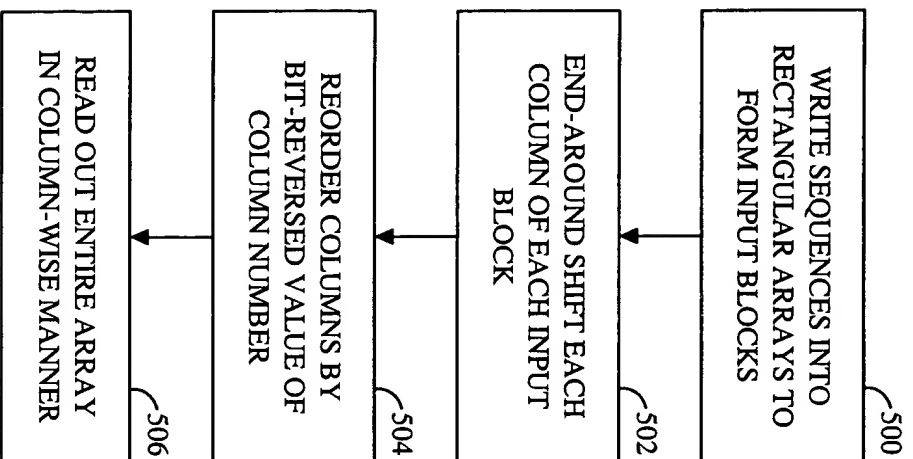


FIG. 5

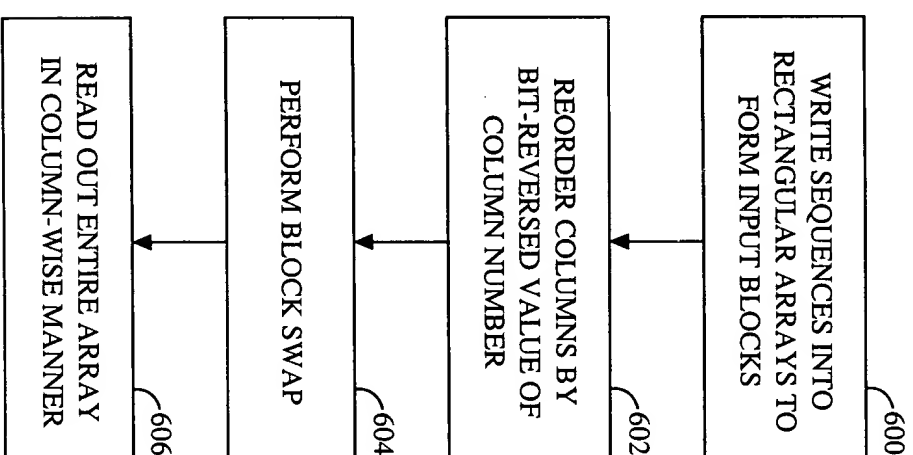


FIG. 6

U BLOCK

	3'		4'
1		2	
3		4	

$V_0V'0$ BLOCK

1'	2'	5		6		7	8
		5'				7'	
				6'			8'

FIG. 7A: BLOCK SWAP PATTERN FOR 8-PSK

U BLOCK

		3'
1		
	2	
3		

$V_0V'0$ BLOCK

1'			6
	4		6'
	4'	5	
2'		5'	

FIG. 7B: BLOCK SWAP PATTERN FOR 16-QAM

